

WHAT IS CLAIMED IS:

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1. A data processing device comprising:

(a) a display unit;

5 (b) a light-emitting unit which illuminates said display unit;

(c) a detector which detects whether a specific functional part in said data processing device is in operation or not; and

(d) a controller which limits a current to be supplied to said light-emitting unit when said detector has detected that said specific functional part in said data
10 processing unit is in operation.

2. The data processing device as set forth in claim 1, further comprising an interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

15 3. A data processing device comprising:

(a) a display unit;

(b) a light-emitting unit which illuminates said display unit;

(c) detector which detects whether a specific functional part in said data
20 processing device is in operation or not; and

(d) a controller which controls the number of light-emitting units to be turned on, when said detector has detected that said specific functional part in said data processing unit is in operation.

25 4. The data processing device as set forth in claim 3, further comprising an interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

5. A data processing device comprising:

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(a) a display unit;

(b) a light-emitting unit which illuminates said display unit;

(c) a communication unit which makes radio communication with other data processing devices;

5 (d) a detector which detects whether said communication unit is in operation or not; and

(e) a controller which limits a current to be supplied to said light-emitting unit when said detector has detected that said communication unit is in operation.

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6. The data processing device as set forth in claim 5, further comprising an interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

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7. A data processing device comprising:

(a) a display unit;

(b) a light-emitting unit which illuminates said display unit;

(c) a communication unit which makes radio communication with other data processing devices;

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(d) a detector which detects whether said communication unit is in operation or not; and

(e) a controller which limits a current to be supplied to said light-emitting unit in accordance with transmission power consumed in radio communication carried out by said communication unit, when said detector has detected that said

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communication unit is in operation.

8. The data processing device as set forth in claim 7, further comprising an interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

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9. A data processing device comprising:

(a) a display unit;

(b) a light-emitting unit which illuminates said display unit;

5 (c) a communication unit which makes radio communication with other data processing devices;

(d) a detector which detects whether said communication unit is in operation or not; and

10 (e) a controller which controls the number of light-emitting units to be turned on, when said detector has detected that said communication unit is in operation.

15 10. The data processing device as set forth in claim 9, further comprising an interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

11. A data processing device comprising:

(a) a display unit;

(b) a light-emitting unit which illuminates said display unit;

20 (c) a communication unit which makes radio communication with other data processing devices;

(d) a detector which detects whether said communication unit is in operation or not; and

25 (e) a controller which controls the number of light-emitting units to be turned on in accordance with transmission power consumed in radio communication carried out by said communication unit, when said detector has detected that said communication unit is in operation.

12. The data processing device as set forth in claim 11, further comprising an

interface through which data is input into said data processing unit, and wherein said light-emitting unit illuminates said interface.

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5 13. A method of operating a data processing device including a display unit and a light-emitting unit which illuminates said display unit, comprising the steps of:

(a) detecting whether a specific functional part in said data processing device is in operation or not; and

10 (b) limiting a current to be supplied to said light-emitting unit when it has been detected that said specific functional part in said data processing unit is in operation.

15 14. A method of operating a data processing device including a display unit and a light-emitting unit which illuminates said display unit, comprising the steps of:

(a) detecting whether a specific functional part in said data processing device is in operation or not; and

20 (b) limiting the number of light-emitting units to be turned on, when it has been detected that said specific functional part in said data processing unit is in operation.

25 15. A method of operating a data processing device including a display unit, a light-emitting unit which illuminates said display unit, and a communication unit which makes radio communication with other data processing devices, comprising the steps of:

(a) detecting whether said communication unit is in operation or not; and

(b) limiting a current to be supplied to said light-emitting unit when it has been detected that said communication unit is in operation.

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16. A method of operating a data processing device including a display unit, a light-emitting unit which illuminates said display unit, and a communication unit which makes radio communication with other data processing devices, comprising the steps of:

- 5 (a) detecting whether said communication unit is in operation or not; and
(b) limiting a current to be supplied to said light-emitting unit in accordance with transmission power consumed in radio communication carried out by said communication unit, when it has been detected that said communication unit is in operation.

10 17. A method of operating a data processing device including a display unit, a light-emitting unit which illuminates said display unit, and a communication unit which makes radio communication with other data processing devices, comprising the steps of:

- 15 (a) detecting whether said communication unit is in operation or not; and
(b) limiting the number of light-emitting units to be turned on, when it has been detected that said communication unit is in operation.

20 18. A method of operating a data processing device including a display unit, a light-emitting unit which illuminates said display unit, and a communication unit which makes radio communication with other data processing devices, comprising the steps of:

- (a) detecting whether said communication unit is in operation or not; and
(b) limiting the number of light-emitting units to be turned on in accordance
25 with transmission power consumed in radio communication carried out by said communication unit, when it has been detected that said communication unit is in operation.